



JCO6 Rec'd PCT/PTO 25 AUG 2005  
Patent  
Attorney Docket No. 034279-008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Jes Broeng et al.

Application No.: 10/535,628

Filing Date: May 20, 2005

Title: SPLICING AND CONNECTORIZATION OF PHOTONIC CRYSTAL FIBERS

Group Art Unit:

Examiner:

Confirmation No.:

**SECOND  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a **SECOND** Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL PC

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By

William C. Rowland

Registration No. 30,888

Date: August 25, 2005



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In re Patent Application of )  
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For: SPlicing AND CONNECTORIZATION )  
OF PHOTONIC CRYSTAL FIBERS )

SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

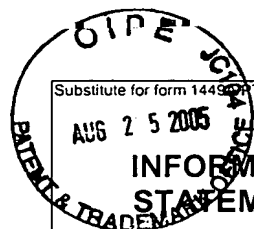
Respectfully submitted,

BUCHANAN INGERSOLL PC

Date August 25, 2005

By: William C. Rowland  
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Registration No. 30,888

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620



Substitute for form 1449 PTO &amp; 1449B/PTO

**SECOND  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

*Complete if Known*

Application Number	5,628
Filing Date	May 20, 2005
First Named Inventor	Jes Broeng et al.
Examiner Name	
Attorney Docket Number	034279-008

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
	2002/0061176	A1	Libori et al.	05-23-2002
	2002/0114574	A1	Chandalia et al.	08-22-2002
	2002/0024557	A1	Matsumoto et al.	02-28-2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	*02/084350	A1	WO	10-24-2002							
	*2002-148468		Japan	05-22-2002							

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	*FURUSAWA, K. et al., "Cladding pumped Ytterbium-doped fiber laser with holey inner and outer cladding", Optics Express, Vol. 9, No. 13, 2001, pages 714-720.
	*KNIGHT, C.J., "Photonic Band Gap Guidance in Optical Fibers", Science, Vol. 282, Issue 5393, pages 1476-1478, 11/20/1998.
	*A. BJARKLEV et al., "Photonic Crystal Fibres", Kluwer Academic Publishers, 2003, (ISBN 1-4020-7610-X), Chapter 4, pages 115-130.
	*HANSEN et al., "Highly Nonlinear Photonic Crystal Fiber with Zero-Dispersion at 1:55 $\mu\text{m}$ " Optical Fiber Communication Conference 2002 post deadline paper FA9, 2002)

**\*Copy Attached**

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.